

**DECLARATION FOR PATENT APPLICATION (WITH POWER OF ATTORNEY)**

As an inventor named below or on any attached continuation page, I hereby declare that:  
My residence, post office address and citizenship are as stated next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **PARTIAL EDGE BEAD REMOVAL TO ALLOW IMPROVED GROUNDING DURING E-BEAM MASK WRITING**, the specification of which (check one):

- ☒ is attached hereto.  
☐ was filed on \_\_\_\_\_ as United States application serial no. \_\_\_\_\_ and was amended on \_\_\_\_\_.  
☐ was filed on \_\_\_\_\_ as PCT international application no. \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclosure to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of the subject matter claimed in this application, as "materiality" is defined in Title 37, Code of Federal Regulations § 1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and on any attached continuation page and have also identified below and on any attached continuation page any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America having a filing date before that of the application(s) on which priority is claimed.

Prior foreign/PCT application(s):

| Number | Country | Day/Month/Year Filed | Priority Claimed             |                             |
|--------|---------|----------------------|------------------------------|-----------------------------|
|        |         |                      | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|        |         |                      | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|        |         |                      | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

I hereby claim the benefit under Title 35, United States code, § 120 of any United States application(s) or § 365(c) of PCT international application(s) designating the United States of America listed below and on any attached continuation page and, insofar as the subject matter of each of the claims of this application is not disclosed in any such prior application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of such prior application and the national or PCT international filing date of this application:

| Application Serial No. | Filing Date | Status-Pending, Patented or Abandoned |
|------------------------|-------------|---------------------------------------|
|                        |             |                                       |
|                        |             |                                       |

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application No. | Filing Date |
|-----------------------------|-------------|
|                             |             |
|                             |             |

I hereby appoint the following Registered Practitioners to prosecute this application and to transact all business in the Patent and Trademark connected therewith:

Address all correspondence to: **31870**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor: **J. Brett Rolfson**

Inventor's Signature: 

Date: **6/25/03**

Residence: **Boise, ID**

Citizenship: **US**

Post Office Address: **P.O. Box 15537, Boise, ID 83715**

Patent

Attorney Docket No. MTI-31930

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Rolfson, J. Brett  
Serial No. :  
Filing Date :  
For : Partial Edge Bead Removal to Allow Improved  
Grounding During E-Beam Mask Writing

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE  
AND CERTIFICATE UNDER 37 CFR § 3.73(b)**

Sir:

MICRON TECHNOLOGY, INC., assignee of the entire right, title and interest by assignment from the inventor(s) in the above-identified application, hereby appoints the following attorneys and agents:

Gary R. Plotecher, Reg. No. 27830  
Alan E. Wagner, Reg. No. 45188  
Alexander R. Kuszewski, Reg. No. 41920  
John D'Antico, Reg. No. 45917  
Charles B. Brantley, II, Reg. No. 38086

Kristine M. Strodthoff, Reg. No. 34259  
Thomas J. Pienkos, Reg. No. 46992  
Elisabeth T. Bridge, Reg. No. 37523  
Michael L. Lynch, Reg. No. 30871

all related to customer number 31870

as its attorneys with full power of substitution to prosecute this application and all applications claiming filing date priority therefrom and to transact all business in the U.S. Patent and Trademark Office in connection therewith.

**The above-identified assignee hereby elects, pursuant to 37 CFR §3.71, to conduct the prosecution of the above-identified patent application to the exclusion of the inventor(s).**

A chain of title from the inventor(s) of the above-identified patent application to the above-identified assignee is shown:

- ☐ In an assignment recorded in the U.S. Patent and Trademark Office at Reel \_\_\_, Frame \_\_\_\_.
- ☒ In an assignment filed herewith for recordation, a true copy of which is attached hereto.

The undersigned has reviewed the above-identified assignment and, to the best of his knowledge and belief, title is in the above-identified assignee.

The undersigned further avers that he is empowered to make and sign the foregoing certification on behalf of the above-identified assignee, and to take the action set further herein on its behalf.

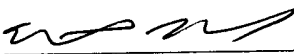
Please direct all communications regarding the above-identified application to:

Alan E. Wagner  
Whyte Hirschboeck Dudek S.C.  
111 E. Wisconsin Ave., Suite 2100  
Milwaukee, WI 53202  
Telephone: (414) 273-2100  
Fax: (414) 223-5000

Respectfully submitted,

MICRON TECHNOLOGY, INC.

Dated: 7-1-07

By:   
Michael L. Lynch  
Chief Patent Counsel

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: J. Brett Rolfson

Application No./Patent No.: \_\_\_\_\_ Filed/Issue Date: \_\_\_\_\_

Entitled: Partial Edge Bead Removal to Allow Improved Grounding During E-Beam Mask Writing

Micron Technology, Inc., a Corporation,  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
  2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by, percentage) of its ownership interest is \_\_\_\_\_%
- in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

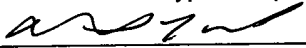
1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.  
**[NOTE:** A separate copy (*i.e.*, the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

7-1-03  
 Date

Michael L. Lynch  
 Typed or printed name  
  
 Signature  
Chief Patent Counsel  
 Title